

54. (New) A method of preparing a foodstuff comprising anhydrofructose, said method comprising the steps of:

- a) expressing recombinant glucan lyase *in situ* in a plant or part thereof, wherein the glucan lyase acts on a glucan substrate present in the plant or part thereof to yield anhydrofructose in the plant or part thereof; and
- b) preparing a foodstuff comprising the plant or part thereof, whereby the foodstuff comprises the anhydrofructose yielded in step a).

55. (New) The method of claim 54, wherein the glucan lyase has any one of the sequences shown as SEQ ID NOs:1-6.

56. (New) The method of claim 54, wherein the glucan lyase is encoded by any one of the sequences shown as SEQ ID NOs:7-12.

57. (New) The method of claim 54, wherein the glucan lyase is encoded by SEQ ID NO:7.

58. (New) The method of claim 54, wherein the glucan lyase has at least 75% identity to the sequence shown as SEQ ID NO: 1.

59. (New) The method of claim 54, wherein the glucan lyase has at least 85% identity to the sequence shown as SEQ ID NO: 1.

60. (New) The method of claim 54, wherein the glucan lyase has at least 90% identity to the sequence shown as SEQ ID NO: 1.

61. (New) The method of claim 54, wherein the plant or part thereof is a fruit or a vegetable.

62. (New) The method of claim 54, wherein the plant is all or part of a grape.

63. (New) The method of claim 54, wherein the plant is a potato.

64. (New) The method of claim 54, wherein the foodstuff is a beverage.

65. (New) The method of claim 64, wherein the beverage is an alcoholic beverage.

66. (New) The method of claim 64, wherein the beverage is wine.